

I Claim:

1. A tool head fixer mainly comprises a shaft , a rotating socket and a stopping ring;

said shaft having an insertion groove disposed on its front end, a
5 connecting hole is disposed on the circumference of said shaft, said hole is perpendicularly connected to said insertion groove, another end of said shaft having an E-shaped locking groove for an E-shaped lock to lock on, a connecting shaft section having a fixing groove is protruded from the rear end of said shaft, said hole of said shaft having a T-shaped pressing bolt
10 inserted inside, a conical reposition spring is sleeved on said pressing bolt;

said rotating socket having said hole is pivotally sleeved on said shaft, said rotating socket having an acentric groove disposed on its center in corresponding to said pressing bolt, said stopping ring is sleeved on the end of said shaft that goes through said hole of said rotating socket ;

15 accordingly, said insertion groove of said shaft can fit different types of tool heads, said tool head having an insertion section for inserting into said insertion groove of said shaft, a fixing hole is disposed on said insertion section in corresponding to said pressing bolt, thus a simple structure with less elements is achieved to provide ease and convenience of
20 operation, and can also stably fix said tool head on said fixer firmly.

2. A tool head fixer as claimed in Claim 1, said pressing bolt having a conical part on its one end in corresponding to said insertion groove, so as to firmly press on said tool head to provide stably fixation.

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3. A tool head fixer as claimed in Claim 1 or 2, said pressing bolt having a round head end on its one end in corresponding to said rotating

socket for ease of rotation of said rotating socket.

4. A tool head fixer mainly comprises a shaft , a rotating socket and a stopping ring;

5 said shaft having an insertion groove disposed on its front end, a multi-angular groove is also disposed on the end for inserting said tool head, a connecting hole is disposed on the circumference of said shaft, said hole is perpendicularly connected to said insertion groove, another end of said shaft having an E-shaped locking groove for an E-shaped lock to lock on, a connecting shaft section having a fixing groove is protruded from the rear end of said shaft, said hole of said shaft having a T-shaped pressing bolt inserted inside, a conical reposition spring is sleeved on said pressing bolt;

15 said rotating socket having said hole is pivotally sleeved on said shaft, said rotating socket having an acentric groove disposed on its center in corresponding to said pressing bolt, said stopping ring is sleeved on the end of said shaft that goes through said hole of said rotating socket ;

20 accordingly, said insertion groove and said multi-angular groove of said shaft can fit different types of tool heads of flat or round shapes, said tool head having a stopping groove in corresponding to said pressing bolt of said shaft, thus a simple structure with less elements is achieved to provide ease and convenience of operation, and can also stably fix said tool head on said fixer firmly.

25 5. A tool head fixer as claimed in Claim 4, said pressing bolt having a conical part on its one end in corresponding to said insertion groove, so as to firmly press on said tool head to provide stably fixation.

6. A tool head fixer as claimed in Claim 4 or 5, said pressing bolt having a round head end on its one end in corresponding to said rotating socket for ease of rotation of said rotating socket.

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